L Number	Hits	Search Text	DB	Time stamp
9	22	((sampl$3 or conver$4 or transform$5 or format$4 or reformat$4 or chang$3 or alter$5) near5 (aperiodic or nonperiodic or non adj0 periodic)) adj7 periodic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:39
10	0	Ammann adj0 tile	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:29
11	1646	Ammann	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:32
12	0	Ammann with aperiodic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 17:02
13	0	Ammann with (nonperiodic or non adj0 periodic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:29
15	515	(sampl$3 or conver$4 or transform$5 or format$4 or reformat$4 or chang$3 or alter$5) with (aperiodic or nonperiodic or non adj0 periodic) with periodic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:50
16	54	((sampl$3 or conver$4 or transform$5 or format$4 or reformat$4 or chang$3 or alter$5) with (aperiodic or nonperiodic or non adj0 periodic) with periodic) and (("358" or "382" or "345").clas. or (H04N001/$3 or G06T$3/$3 or G09G005/$3 or G06F007/$3 or G06F017/$3).ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:49
17	70	Ammann and (("358" or "382" or "345").clas. or (H04N001/$3 or G06T$3/$3 or G09G005/$3 or G06F007/$3 or G06F017/$3).ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:51
18	0	(((sampl$3 or conver$4 or transform$5 or format$4 or reformat$4 or chang$3 or alter$5) with (aperiodic or nonperiodic or non adj0 periodic) with periodic) and (("358" or "382" or "345").clas. or (H04N001/$3 or G06T$3/$3 or G09G005/$3 or G06F007/$3 or G06F017/$3).ipc.)) and (Ammann and (("358" or "382" or "345").clas. or (H04N001/$3 or G06T$3/$3 or G09G005/$3 or G06F007/$3 or G06F017/$3).ipc.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 15:50
26	2	Ammann with periodic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/16 17:03

FILE 'INSPEC' ENTERED AT 06:46:44 ON 17 NOV 2003
Compiled and produced by the IEE in association with FIZ KARLSRUHE
COPYRIGHT 2003 (c) INSTITUTION OF ELECTRICAL ENGINEERS (IEE)

FILE 'SCISEARCH' ENTERED AT 06:46:44 ON 17 NOV 2003
COPYRIGHT 2003 THOMSON ISI

FILE 'COMPENDEX' ENTERED AT 06:46:44 ON 17 NOV 2003
Compendex Compilation and Indexing (C) 2003
Elsevier Engineering Informatio
n Inc (EEI). All rights reserved.
Compendex (R) is a registered Trademark of
Elsevier Engineering Information Inc.

```
=> s (aperiodic or random or nonperiodic or non(w)(periodic or repeat### or
repetit####) or irregular(2a)(interval or cycle))(s)(periodic or repeat### or
repetit#### or regular(2a)(interval or cycle))
L1       19182 (APERIODIC OR RANDOM OR NONPERIODIC OR NON(W)(PERIODIC OR
                REPEAT### OR REPETIT####) OR IRREGULAR(2A)(INTERVAL OR CYCLE))
                (S)(PERIODIC OR REPEAT### OR REPETIT#### OR REGULAR(2A)(INTERV
                AL OR CYCLE))

=> s (sampl### or conver#### or transform##### or format#### or reformat#### or
chang### or alter#####)(s)l1
    1 FILES SEARCHED...
L2        5389 (SAMPL### OR CONVER#### OR TRANSFORM##### OR FORMAT#### OR
                REFORMAT#### OR CHANG### OR ALTER#####)(S) L1

=> s l2 and Ammann
L3           1 L2 AND AMMANN

=> s l2 and (halfton### or dither###)
L4          12 L2 AND (HALFTON### OR DITHER###)

=> s l2 and (artifact### or distortion### or aberration or anomal### or noise or
moire)
L5         694 L2 AND (ARTIFACT### OR DISTORTION### OR ABERRATION OR ANOMAL##
                # OR NOISE OR MOIRE)

=> s l2 and (artifact### or distortion### or aberration or anomal### or noise or
moire) and (image or display### or print### or postscript)
L6         100 L2 AND (ARTIFACT### OR DISTORTION### OR ABERRATION OR ANOMAL##
                # OR NOISE OR MOIRE) AND (IMAGE OR DISPLAY### OR PRINT### OR
                POSTSCRIPT)
```

```
FILE 'HOME' ENTERED AT 09:19:57 ON 18 NOV 2003

=> set linelength 78
SET COMMAND COMPLETED

=> set plurals on
SET COMMAND COMPLETED

=> file inspec scisearch compendex
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           0.21          0.21

FILE 'INSPEC' ENTERED AT 09:20:40 ON 18 NOV 2003
Compiled and produced by the IEE in association with FIZ KARLSRUHE
COPYRIGHT 2003 (c) INSTITUTION OF ELECTRICAL ENGINEERS (IEE)

FILE 'SCISEARCH' ENTERED AT 09:20:40 ON 18 NOV 2003
COPYRIGHT 2003 THOMSON ISI

FILE 'COMPENDEX' ENTERED AT 09:20:40 ON 18 NOV 2003
Compendex Compilation and Indexing (C) 2003
Elsevier Engineering Informatio
n Inc (EEI). All rights reserved.
Compendex (R) is a registered Trademark of
Elsevier Engineering Information Inc.

=> exp thomas, john/au
E1            2      THOMAS Z S/AU
E2            1      THOMAS ZDENEK/AU
E3            0 --> THOMAS, JOHN/AU
E4            1      THOMASA D D/AU
E5            7      THOMASAGNAN C/AU
E6            1      THOMASALLIEL S/AU
E7            1      THOMASAN M/AU
E8           30      THOMASANTERION C/AU
E9            3      THOMASBAKER B/AU
E10           3      THOMASBAUZON D/AU
E11           5      THOMASBENHAMOU G/AU
E12           1      THOMASBERG M/AU

=> s thomas, J C/au
L1          508 THOMAS, J C/AU

=> s (image or periodic)(s)(artifact or distortion or aberration or anomol### or
noise or moire)
L2        87923 (IMAGE OR PERIODIC)(S)(ARTIFACT OR DISTORTION OR ABERRATION
                OR ANOMOL### OR NOISE OR MOIRE)

=> s l1 and l2
L3            0 L1 AND L2


=> s l1 and Ammann
L17           0 L1 AND AMMANN
```

```
=> s (periodic#### or regular### or repeat### or repetit####) and (aperiodic#### or
nonperiodic#### or quasiperiodic#### or pseudoperiodic#### or irregular### or
nonrepeat### or nonrepetit#### or random## or quasirandom## or pseudorandom##)
L5       53204 (PERIODIC#### OR REGULAR### OR REPEAT### OR REPETIT####) AND
               (APERIODIC#### OR NONPERIODIC#### OR QUASIPERIODIC#### OR
               PSEUDOPERIODIC#### OR IRREGULAR### OR NONREPEAT### OR NONREPET
               IT#### OR RANDOM## OR QUASIRANDOM## OR PSEUDORANDOM##)

=> s (periodic#### or regular### or repeat### or repetit####) and ((pseudo or
quasi)(w)(periodic#### or regular### or random#### or repeat### or repetit####) or
pseudorepeat### or quasirepeat### or pseudorepetit#### or quasirepetit####)
L6       10815 (PERIODIC#### OR REGULAR### OR REPEAT### OR REPETIT####) AND
               ((PSEUDO OR QUASI)(W)(PERIODIC#### OR REGULAR### OR RANDOM####
               OR REPEAT### OR REPETIT####) OR PSEUDOREPEAT### OR QUASIREPEA
               T### OR PSEUDOREPETIT#### OR QUASIREPETIT####)

=> s l1 and (l5 or l6)
L7           0 L1 AND (L5 OR L6)

=> s l2 and (l5 or l6)
L8        2760 L2 AND (L5 OR L6)

=> s (periodic#### or regular### or repeat### or repetit####)(s)(aperiodic#### or
nonperiodic#### or quasiperiodic#### or pseudoperiodic#### or irregular### or
nonrepeat### or nonrepetit#### or random## or quasirandom## or pseudorandom##)
L9       44431 (PERIODIC#### OR REGULAR### OR REPEAT### OR REPETIT####)(S)(AP
               ERIODIC#### OR NONPERIODIC#### OR QUASIPERIODIC#### OR PSEUDOP
               ERIODIC#### OR IRREGULAR### OR NONREPEAT### OR NONREPETIT####
               OR RANDOM## OR QUASIRANDOM## OR PSEUDORANDOM##)

=> s (periodic#### or regular### or repeat### or repetit####)(s)((pseudo or
quasi)(w)(periodic#### or regular### or random#### or repeat### or repetit####) or
pseudorepeat### or quasirepeat### or pseudorepetit#### or quasirepetit####)
L10      10745 (PERIODIC#### OR REGULAR### OR REPEAT### OR REPETIT####)(S)((P
               SEUDO OR QUASI)(W)(PERIODIC#### OR REGULAR### OR RANDOM####
               OR REPEAT### OR REPETIT####) OR PSEUDOREPEAT### OR QUASIREPEAT
               ### OR PSEUDOREPETIT#### OR QUASIREPETIT####)

=> s (sampl### or conver#### or transform##### or format#### or reformat#### or
rescreen### or chang### or alter#####)(s)(l9 or l10)
   1 FILES SEARCHED...
L11      14797 (SAMPL### OR CONVER#### OR TRANSFORM##### OR FORMAT#### OR
               REFORMAT#### OR RESCREEN### OR CHANG### OR ALTER#####)(S)(L9
               OR L10)

=> s (periodic#### or regular### or repeat### or repetit####)(s)(artifact or
distortion or aberration or anomol### or noise or moire)
L12      25712 (PERIODIC#### OR REGULAR### OR REPEAT### OR REPETIT####)(S)(AR
               TIFACT OR DISTORTION OR ABERRATION OR ANOMOL### OR NOISE OR
               MOIRE)

=> s l11 and l12
L13       1177 L11 AND L12

=> s (image or picture or photo or photograph or print### or display###) and l13
L14        220 (IMAGE OR PICTURE OR PHOTO OR PHOTOGRAPH OR PRINT### OR DISPLA
               Y###) AND L13

=> s (image or picture or photo or photograph or print### or display### or
halftone) and l13
L15        220 (IMAGE OR PICTURE OR PHOTO OR PHOTOGRAPH OR PRINT### OR DISPLA
               Y### OR HALFTONE) AND L13
```

Removed duplicate records which reduced
to 149 hits.

09/540,600

L Number	Hits	Search Text	DB	Time stamp
2	1	(periodic near2 (cell or block or array or matrix or dither$3 or format or pattern or distribution or halftone)) same (VGA or SVGA or XGA or SXGA)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/15 09:37
6	6	(scanner or camera or input adj0 (device or source)) with ((partially or partly or psuedo or quasi) adj0 random or aperiodic)	USPAT	2003/12/15 11:01